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### Secure generation of temporary mobile station identifiers

RF Quick, GG Rose - US Patent App. 10/021,874, 2001 - Google Patents

... 208 **Hash Counter** Value to Obtain Starting Index Number in Table. 210 Locate Index into Table and Search for First Available Entry. 212 **Generate TMSI** by ...

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### A Privacy Protecting UMTS AKA Protocol Providing Perfect Forward Secrecy

D Kim, Y Cui, S Kim, H Oh - LECTURE NOTES IN COMPUTER SCIENCE, 2007 - Springer

... To this end, a **TMSI** (Temporary MSI) is used locally ...  $g_i K$  : denotes a key **generation** function using ... Synchronization (MS  $\leftrightarrow$  HN) **counter**  $\times \times$  clock clock ...

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### A fair and secure mobile billing system

YY Chen, JK Jan, CL Chen - Computer Networks, 2005 - Elsevier

... charge **counter** as with a piped water or electricity **counter**. ... It can **generate** one set of **hashing** values (a ... request and passes the authentication to get a **TMSI**. ...

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### DYNAMIC TEMPORARY MAC ADDRESS GENERATION IN WIRELESS NETWORKS

FM ANJUM - US Patent App. 11/160,813, 2005 - Google Patents

... network to ensure the uniqueness of the **TMSI**. ... wireless mobile station interaction for **generation** of a ... AP\_info, **COUNTER**) [0054] where the **COUNTER** is increased ...

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### Public-key Cryptography on Smart Cards

A Fuchsberger, D Gollmann, P Lothian, KG Paterson, ... - LECTURE NOTES IN COMPUTER SCIENCE, 1996 - Springer

... side the decoder passes the 32 byte control messages to a smart card implementing the secret **hash**-function, allowing the decoder to **generate** the same cut point ...

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### Undeniable billing in mobile communication - \*userback.com [PS]

J Zhou, KY Lam - Proceedings of the 4th annual ACM/IEEE international ..., 1998 - portal.acm.org

... The temporary mobile subscriber identity (**TMSI**) used in GSM is a ... the legitimate FN, and sets his local **counter**  $i$  to 1 ... rise U's request by **generating** a pair of ...

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### [PDF] \*Security Measures and Weaknesses of the GPRS Security Architecture

C Xenakis - iijns.nchu.edu.tw

... This parameter is calculated from the Logical Link Control (LLC) frame number, a frame **counter**, and a value ... After the **generation** of a **TMSI**, the allocating ...

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### Method, mobile telecommunication network, and node for authenticating an originator of a data ...

JL Mizell, DJ Lauson, M Kaczmarek - US Patent App. 10/035,653, 2001 - Google Patents

... 550 INCREMENT UL AND/OR DL **COUNTER** IN CONTAINER ... assign a temporary mobile subscriber

identifier (**TMSI**) to MT 55 ... AUC 81-82 may also **generate** ciphering keys used ...

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[Location Privacy in Bluetooth](#) - [cam.ac.uk](#) (PDF)

F Wong, F Stajano - LECTURE NOTES IN COMPUTER SCIENCE, 2005 - Springer

... of network-issued temporary pseudonyms - the '**TMSI**', and ways ... If there is a match, Alice will **generate** a nonce ... and one solution is by **hashing** some **counter**. ...

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**[CITATION]** SYSTEMES DE SUIVI D'APPELS

A LIMITED, Y KO - WO Patent 2,005,034,551, 2005

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Key authors: [J Zhou](#) - [F Wong](#) - [M Shin](#) - [H Yang](#) - [K Lam](#)

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